

GenCore version 5.1.4.p5.4578
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OM nucleic - nucleic search, using sw model

Run on: March 10, 2003, 21:32:07 ; Search time 7703.62 Seconds
(without alignments)
117.112 Million cell updates/sec

Title: US-09-913-524-34

Perfect score: 31

Sequence: 1 atcattgctcccttggtatcatgccaact 31

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2054640 seqs, 14551402878 residues

Total number of hits satisfying chosen parameters: 4109280

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

GenEmbl.*

1: gb.ba.*

2: gb.htg.*

3: gb.in.*

4: gb.om.*

5: gb.ov.*

6: gb.pat.*

7: gb.ph.*

8: gb.pl.*

9: gb.pr.*

10: gb.ro.*

11: gb.sts.*

12: gb.sy.*

13: gb.un.*

14: gb.vi.*

15: em.ba.*

16: em.fun.*

17: em.hum.*

18: em.in.*

19: em.mu.*

20: em.om.*

21: em.or.*

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24: em.ph.*

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31: em.htg.inv.*

32: em.htg.other.*

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35: em.htg.rod.*

36: em.htg.mam.*

37: em.htg.vrt.*

38: em.sy.*

39: em.htgo.hum.*

40: em.htgo.mus.*

41: em.htgo.other.*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	31	100.0	348	9	HSIBA
2	31	100.0	351	9	X72498 H.sapiens m
3	31	100.0	405	6	X04447 Human inhib
4	31	100.0	425	6	AX332119 Sequence
5	31	100.0	1543	10	AI4422 inhibin B s
6	31	100.0	1622	9	M37482 Rat inhibin
7	31	100.0	1633	6	AF218018 Homo sapi
8	31	100.0	1633	6	I01845 Sequence 11
9	31	100.0	1633	6	I05271 Sequence 22
10	31	100.0	1633	6	I21914 Sequence 42
11	31	100.0	1633	6	I64620 Sequence 42
12	31	100.0	1633	9	I87902 Sequence 42
13	31	100.0	1633	11	HUMINHBA
14	31	100.0	1640	9	G19995
15	31	100.0	1700	6	BC007858
16	31	100.0	1840	9	AX147454
17	31	100.0	1873	6	HUMEDF
18	31	100.0	1873	6	E01797
19	31	100.0	4068	6	E02200 DNA encodi
20	31	100.0	4068	6	AX330740 Sequence
21	31	100.0	4068	6	AX330945 Sequence
22	31	100.0	4068	9	AX332245 Sequence
23	31	100.0	157073	9	HSACTVBA2
24	31	100.0	174697	2	AC005027
25	27.8	89.7	359	4	AF350256
26	27.8	89.7	1529	10	MMBETA
27	27.8	89.7	131300	2	AC116844
28	27.8	89.7	196067	2	AC068560
29	26.2	84.5	359	4	AY029554
30	26.2	84.5	959	6	BOVINB
31	26.2	84.5	14418	6	AI4418
32	26.2	84.5	1479	4	HRSIBAS
33	26.2	84.5	1678	4	BTBAINH2
34	24.6	79.4	345	5	AB009403
35	24.6	79.4	345	5	AB009407
36	24.6	79.4	1316	4	SHPBAINHBN
37	23.4	75.5	197578	2	AC116230
38	23	74.2	99	5	CHRACTVBA
39	23	74.2	99	5	CHRACTAB
40	23	74.2	306	5	CRAACTA
41	23	74.2	1792	5	AF169032
42	23	74.2	1959	6	I01837
43	23	74.2	3573	4	SSINHBR
44	23	74.2	3588	6	I05233
45	23	74.2	3588	6	I21911

ALIGNMENTS

RESULT 1	HSIBA	348 bp	linear	PRI 05-APR-1995
LOCUS	H.sapiens mRNA for inhibin beta(A) subunit.			
DEFINITION	X72498			
ACCESSION	X72498.1			
VERSION	GI:297786			
KEYWORDS	glycoprotein; hormone; inhibin beta-A-subunit; preproinsulin.			
SOURCE	Homo sapiens			
ORGANISM	Homo sapiens			
REFERENCE	Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;			
AUTHORS	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.			
TITLE	1 (bases 1 to 348)			
	Berg,H., Walter,M. and Northemann,W.			
	Nucleotide sequence coding for the mature subunit beta(A) of human			
	inhibin in testis			

JOURNAL Unpublished
REFERENCE 2 (bases 1 to 348)
AUTHORS Northernmann,W.
TITLE Direct Submission
JOURNAL Submitted (29-APR-1993) W. Northernmann, ELIAS Entwicklungslabor,
Department of Molecular Biology, Obere Hardstrasse 18, W-7800
Freiburg, FRG

FEATURES
source Location/Qualifiers
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/db_xref="taxon:9606"
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1..348
/gene="preproinsulin"
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/gene="preproinsulin"
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BASE COUNT 87 a 96 c 85 g 80 t
ORIGIN

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Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 85 ATCATTCCTCCCTCGCTATCATGCCAACT 115
|||||

RESULT 2
LOCUS HSNHNB3
DEFINITION Human inhibin B gene 3'-region macrophage cell line U937 (ATCC CRL
1539).
ACCESSION X04447
VERSION X04447.1 GI:33928
KEYWORDS hormone; inhibin.
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 351)
AUTHORS Stewart,A.G., Milborrow,H.M., Ring,J.M., Crowther,C.E. and
Forage,R.G.
TITLE Human inhibin genes. Genomic characterisation and sequencing
JOURNAL FEBS Lett. 206 (2), 329-334 (1986)
MEDLINE 87005283
PUBMED 3758355
COMMENT Data kindly reviewed (05-JAN-1986) by Stewart A.
FEATURES
source Location/Qualifiers
1..351
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BASE COUNT 87 a 92 c 88 g 84 t

ORIGIN

Query Match 100.0%; Score 31; DB 9; Length 351;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATTCCTCCCTCGCTATCATGCCAACT 31
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Db 85 ATCATTCCTCCCTCGCTATCATGCCAACT 115
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RESULT 3
LOCUS AX332119/c
DEFINITION Sequence 2628 from Patent WO0194629.
ACCESSION AX332119
VERSION AX332119.1 GI:18122753
KEYWORDS human.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Young,P.E., Augustus,M., Carter,K.C., Ebner,R., Endress,G.,
Horrikan,S., Soppet,D.R. and Weaver,Z.
TITLE Cancer gene determination and therapeutic screening using signature
gene sets
JOURNAL Patent: WO 0194629-A 2628 13-DEC-2001;
Avalon Pharmaceuticals (US)
FEATURES
source Location/Qualifiers
1..405
/organism="Homo sapiens"
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BASE COUNT 88 a 97 c 98 g 121 t 1 others
ORIGIN

Query Match 100.0%; Score 31; DB 6; Length 405;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 384 ATCATTCCTCCCTCGCTATCATGCCAACT 354
|||||

RESULT 4
LOCUS A14422
DEFINITION Inhibin B subunit.
ACCESSION A14422
VERSION A14422.1 GI:490131
KEYWORDS
SOURCE Homo sapiens.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
FEATURES
source Location/Qualifiers
1..425
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/db_xref="taxon:9606"
1..393
/gene="human inhibin B subunit"
1..393
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/db_xref="SWISS-PROT:P08476"
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Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATCATGTCCTCGCTATGCAACT 31
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Db 127 ATCATGTCCTCGCTATGCAACT 157

RESULT 5
RATINHB
LOCUS      1543 bp mRNA linear ROD 27-APR-1993
DEFINITION Rat inhibin beta-A-subunit mRNA, complete cds.
ACCESSION M37482
VERSION M37482.1 GI:204936
KEYWORDS inhibin.
SOURCE Rat female (strain Sprague-Dawley) granulosa cell, cDNA to mRNA, clone r1N8-5.
ORGANISM Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
Rattus.
REFERENCE 1 (bases 1 to 1543)
AUTHORS Woodruff,T.K., Meunier,H., Jones,P.B., Hsueh,A.J. and Mayo,K.E.
TITLE Rat inhibin: molecular cloning of alpha- and beta-subunit complementary deoxyribonucleic acids and expression in the ovary
JOURNAL Mol. Endocrinol. 1 (8), 561-568 (1987)
MEDLINE 91042598
PubMed 3153478
FEATURES
source Location/Qualifiers
1..1543
/organism="Rattus norvegicus"
/db_xref="taxon:10116"
<1..1543
/product="inhibin beta-A subunit mRNA"
163..1437
/note="inhibin beta-A subunit precursor"
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/db_xref="GI:204937"
/translation="MPLIWRGILLASCIWIVRSPTGSGHGAAPDCSCALATILP
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GGLEEKQSHRPFLMLQARQSDHPHRRRRCLECDGKVNICKCKKOPFVFKDIGN
DWIIAPSGYHANYCEGECFSGHAGISGSSLSHSTVINHYMRGHSFPANLKSCVPT
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sig_peptide 163..1086
/note="inhibin beta-A-subunit signal peptide"
mat_peptide 1087..1434
/product="inhibin beta-A-subunit"
BASE COUNT      435 a 356 c 454 g 298 t
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Query Match      100.0%; Score 31; DB 10; Length 1543;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATCATGTCCTCGCTATGCAACT 31
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Db 1171 ATCATGTCCTCGCTATGCAACT 1201

RESULT 6
AF218018
LOCUS      1622 bp mRNA linear PRI 01-OCT-2000
DEFINITION Homo sapiens clone PP5378 unknown mRNA.
ACCESSION AF218018
VERSION AF218018.1 GI:10441965

KEYWORDS
SOURCE
Location/Qualifiers
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BASE COUNT      473 a 390 c 467 g 303 t
ORIGIN
Query Match      100.0%; Score 31; DB 6; Length 1633;

KEYWORDS
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Gu,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
TITLE Novel Human cDNA clones with function of inhibiting cancer cell growth
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1622)
AUTHORS Qin,J.R., Wan,D.F., Zhao,X.T., Zhou,X.M., Jiang,H.Q., Zhang,P.P.,
Qin,W.X., Huang,Y., Qiu,X.K., Qian,L.F., He,L.P., Li,H.N., Yu,Y.,
Yu,J. and Han,L.H.
DIRECT SUBMISSION
TITLE Submitted (21-DEC-1999) National Laboratory For Oncogenes & Related
Genes, Shanghai Cancer Institute, 25 Ln 40, Xie-Tu Road, Shanghai
200032, People's Republic of China
JOURNAL
FEATURES
source Location/Qualifiers
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BASE COUNT      481 a 376 c 474 g 291 t
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Db 1221 ATCATGTCCTCGCTATGCAACT 1251

RESULT 7
101845
LOCUS      1633 bp ss-DNA linear PAT 21-MAY-1993
DEFINITION Sequence 11 from Patent US 4798885.
ACCESSION 101845
VERSION 101845.1 GI:269776
KEYWORDS
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J. and Seeburg,P.H.
TITLE Compositions of hormonally active human and porcine inhibin containing an "alpha" chain and 62 chain
JOURNAL Patent: US 479885-A 11 17-JAN-1989;
Genentech, Inc.; South San Francisco, CA
FEATURES
source Location/Qualifiers
1..1633
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ORIGIN
Query Match      100.0%; Score 31; DB 6; Length 1633;

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Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1251 ATCATGCTCCCTCTGGCTATCATGCCAACT 1281

RESULT 8
105271
LOCUS 105271 1633 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 22 from Patent EP 0222491.
ACCESSION 105271
VERSION 105271.1 GI:591395
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J. and Seeburg,P.H.
TITLE Nucleic acid encoding the alpha or beta chains of Inhibin and
method for synthesizing polypeptides using such nucleic acid
JOURNAL Patent: EP 0222491-A1 22 20-MAY-1987;
FEATURES Location/Qualifiers
source 1..1633
BASE COUNT 473 a 390 c 467 g 303 t
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QY 1 ATCATGCTCCCTCTGGCTATCATGCCAACT 31
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Db 1251 ATCATGCTCCCTCTGGCTATCATGCCAACT 1281

RESULT 9
121914
LOCUS 121914 1633 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 42 from patent US 5525488.
ACCESSION 121914
VERSION 121914.1 GI:1602258
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J. and Seeburg,P.H.
TITLE Nucleic acid encoding the mature .alpha. chain of inhibin and
method for synthesizing polypeptides using such nucleic acid
JOURNAL Patent: US 5525488-A 42 11-JUN-1996;
FEATURES Location/Qualifiers
source 1..1633
BASE COUNT 473 a 390 c 467 g 303 t
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Query Match 100.0%; Score 31; DB 6; Length 1633;
Best Local Similarity 100.0%; Pred. No. 0.011;
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QY 1 ATCATGCTCCCTCTGGCTATCATGCCAACT 31
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Db 1251 ATCATGCTCCCTCTGGCTATCATGCCAACT 1281

RESULT 10
164620
LOCUS 164620 1633 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 42 from patent US 5665568.
ACCESSION 164620

164620.1 GI:2481514
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J. and Seeburg,P.H.
TITLE Nucleic acid encoding the mature .beta. .sub.A chain of inhibin and
method for synthesizing polypeptides using such nucleic acid
JOURNAL Patent: US 5665568-A 42 09-SEP-1997;
FEATURES Location/Qualifiers
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BASE COUNT 473 a 390 c 467 g 303 t
ORIGIN

Query Match 100.0%; Score 31; DB 6; Length 1633;
Best Local Similarity 100.0%; Pred. No. 0.011;
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Db 1251 ATCATGCTCCCTCTGGCTATCATGCCAACT 1281

RESULT 11
187902
LOCUS 187902 1633 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 42 from patent US 5716810.
ACCESSION 187902
VERSION 187902.1 GI:3407842
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J. and Seeburg,P.H.
TITLE Nucleic acid encoding the mature .beta. .sub.B chain of inhibin and
method for synthesizing polypeptides using such nucleic acid
JOURNAL Patent: US 5716810-A 42 10-FEB-1998;
FEATURES Location/Qualifiers
source 1..1633
BASE COUNT 473 a 390 c 467 g 303 t
ORIGIN

Query Match 100.0%; Score 31; DB 6; Length 1633;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGCTCCCTCTGGCTATCATGCCAACT 31
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Db 1251 ATCATGCTCCCTCTGGCTATCATGCCAACT 1281

RESULT 12
HUMINHBA
LOCUS HUMINHBA 1633 bp mRNA linear PRI 06-JAN-1995
DEFINITION Human ovarian beta-A inhibin mRNA, complete cds.
ACCESSION M13436
VERSION M13436.1 GI:186414
KEYWORDS
SOURCE Human polycystic ovarian cDNA to mRNA, clones lambda-hin-beta-A-
[2-1,14-1,5s,8s].
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 1633)
AUTHORS Mason,A.J., Niall,H.D. and Seeburg,P.H.
TITLE Structure of two human ovarian inhibins
JOURNAL Biochem. Biophys. Res. Commun. 135 (3), 957-964 (1986)
MEDLINE 86186863
PUBMED 3754442

FEATURES

Location/Qualifiers
1. 1633
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ORIGIN Chromosome 7p15-p13.

Query Match 100.0%; Score 31; DB 9; Length 1633;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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|||||
Db 1251 ATCATGCTCCCTCGGTATCATGCCAACT 1281

RESULT 13

GI9995
LOCUS SWSS803 Eric D. Green Homo sapiens STS genomic, sequence tagged
DEFINITION site.
ACCSSION GI9995
VERSION GI9995.1 GI:1254694
KEYWORDS STS.
SOURCE Homo sapiens.
ORGANISM Homo sapiens.

REFERENCE

AUTHORS Bouffard, G.G., Iyer, L.M., Idol, J.R., Braden, V.V., Cunningham, A.F.,
Weintraub, L.A., Mohr-Tidwell, R.M., Peluso, D.C., Fulton, R.S.,
Leckie, M.P., and Green, E.D.
TITLE A collection of 1814 human chromosome 7-specific STSs
JOURNAL Genome Res. 7 (1), 59-64 (1997)
MEDLINE 97189344
PUBMED 9037602
REFERENCE 2 (bases 1 to 1633)
AUTHORS Green, E.D.
TITLE Human chromosome 7 STSs (1997)
JOURNAL Unpublished (1997)
COMMENT

SYNONYMS

INHBA
GDB: 3754045
GDB_DSEQ: INHBA
Contact: Eric D. Green
Genome Technology Branch
National Human Genome Research Institute/NIH
49 Convent Dr., MSC4431, Bldg. 49, Rm. 2A08, Bethesda, MD 20892
Tel: 3014020201
Fax: 3014024735
Email: egreen@nhgri.nih.gov
Primer A: GAAAGGACACAGAGTTC
Primer B: CTGGTTAACTCAGAAAC
STS size: 73
PCR Profile:
Presoak: 0 degrees C for 0.00 minute(s)

Denaturation: 92 degrees C for 1.00 minute(s)
Annealing: 55 degrees C for 2.00 minute(s)
Polymerization: 72 degrees C for 2.00 minute(s)
PCR Cycles: 35
Thermal Cycler: PerkinElmer TC
Protocol:
Template: 30-100 ng
Primer: each 1 uM
dNTPs: each 200 uM
Taq Polymerase: 0.05 units/uL
Total Vol: 5 uL
Buffer:
MgCl2: 1.5 mM
KCl: 50 mM
Tris-HCl: 10 mM
pH: 8.3

This STS was developed from sequence determined by another investigator. See GenBank record: M13436 For additional information about the NHGRI chromosome 7 mapping project, see <http://www.nhgri.nih.gov/DIR/GB/CHR7>. Also see Genomics 11:548-64 (1991) (M110-92128937).

FEATURES

Source
1. 1633
/organism="Homo sapiens"
/db_xref="taxon:9606"
/map="7"
/cloneLib="Eric D. Green"
1. 1633
/gene="INHBA"
1536. 1608
/gene="INHBA"
1536. 1553
/gene="INHBA"
primer_bind complement(1591..1608)
primer_bind 473 a 390 c 467 g 303 t
BASE COUNT
ORIGIN

Query Match 100.0%; Score 31; DB 11; Length 1633;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 ATCATGCTCCCTCGGTATCATGCCAACT 31
|||||
Db 1251 ATCATGCTCCCTCGGTATCATGCCAACT 1281

RESULT 14

BC007858
LOCUS BC007858
DEFINITION Homo sapiens, inhibin, beta A (activin A, activin AB alpha polypeptide), clone MGC:14383 IMAGE:4299832, mRNA, complete cds.
ACCESSION BC007858
VERSION BC007858.1 GI:14043814
KEYWORDS MGC.
SOURCE Homo sapiens.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 1640)
AUTHORS Strausberg, R.
TITLE Direct Submission
JOURNAL Submitted (11-MAY-2001) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA
REMARK NIH-MGC Project URL: <http://mgc.nci.nih.gov>
COMMENT Contact: MGC help desk
Email: cgapbs@mail.nih.gov
Tissue Procurement: ATCC
cDNA Library Preparation: Rubin Laboratory
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LNL)

DNA Sequencing by: National Institutes of Health Intramural Sequencing Center (NISC), Gaithersburg, Maryland; Web site: <http://www.nisc.nih.gov/>; Contact: nisc_mgc@nih.gov; Shevchenko, Y., Wetherby, K.D., Beckstrom-Sterberg, S.M., Benjamin, B., Blakesley, R.W., Bouffard, G.G., Brinkley, C., Brooks, S., Dietrich, N.L., Guan, X., Gupta, J., Ho, S.-L., Karlins, E., Legaspi, R., Lim, M., Maduro, O.L., Masiello, C., Mastrian, S.D., McCloskey, J.C., McDowell, J., Pearson, R., Snyder, B., Stantripop, S., Thomas, P.J., Tionsgon, E.E., Touchman, J.W., Tsugeon, C., Vogt, J.L., Walker, M.A., Zhang, L.-H. and Green, E.D.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov> Series: IRAL Plate: 20 Row: m Column: 8.

FEATURES

source

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/db_xref="taxon:9606"
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/clone_lib="NIH MGC 43"
/lab_host="DH10B-R"
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/product="inhibin, beta A (activin A, activin AB alpha polypeptide)"
/protein_id="AAH07858.1"
/db_xref="GI:14043815"
/translation="MPLLWLKGLFLASCWIVRSPTPGSGHSAAPDCPSALALP KDVPNQPMEVAVKKHLINMLHLKRPDVTQVPKRALINAKRLHVGXGNGYVE IDIGRAMELEQTSIEITFAESGTARKTLHFETSKESDLSYVRAEYVLELK VPKANTRKVTIRLPFOOKHPQSGSLDTGEAEVGLKGERSELILSEKVVYDARKSTW HVPVSSVFORLLDQKSLDVRVACQECOSGLVLLGKKKKKEEGEGKKGGGE GCAGADEEKQSHRPFLLQARQSDHPHRRRRRGLCDGKVNICCKKQPPVSKDIG WNDWIIAPGSHYANCEGCPSPHAGTSGSSLSFHSVINHYHMRGSPFANLKSCCV PTKLRPMSMLYDDGQNTIKKDIQNMIVECGCS"

CDS

BASE COUNT 488 a 380 c 481 g 291 t
ORIGIN
Query Match 100.0%; Score 31; DB 9; Length 1640;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGTGCTCCCTCGGCTATCATGCAACT 31
|||||
Db 1241 ATCATGTGCTCCCTCGGCTATCATGCAACT 1271

RESULT 15

AX147454 1700 bp DNA linear PAT 08-JUN-2001
LOCUS
DEFINITION Sequence 8 from Patent WO0136632.
ACCESSION AX147454
VERSION AX147454.1 GI:14346611
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Levine, Z., David, A., Azar, I., Khosravi, R. and Bernstein, J.
TITLE Variants of alternative splicing
JOURNAL Patent: WO 0136632-A 8 25-MAY-2001;
Compugen Ltd. (IL)

FEATURES

source

1. .1700
/organism="Homo sapiens"
/db_xref="taxon:9606"
BASE COUNT 509 a 387 c 440 g 362 t 2 others

ORIGIN

Query Match 100.0%; Score 31; DB 6; Length 1700;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATCATGTGCTCCCTCGGCTATCATGCAACT 31
|||||
Db 820 ATCATGTGCTCCCTCGGCTATCATGCAACT 850
Search completed: March 11, 2003, 09:15:05
Job time : 7706.52 secs